

# South Dakota CHEMICAL USAGE

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News Release

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## ***2003 FIELD CROP CHEMICAL USAGE***

**SIoux FALLS, May 28, 2004** - Nitrogen was applied to 92 percent of South Dakota's 4.4 million corn acres in 2003, according to the USDA's South Dakota Agricultural Statistics Service. Nitrogen was also applied to 82 percent of South Dakota's 75,000 barley acres and 84 percent of South Dakota's 270,000 sorghum acres in 2003. South Dakota growers applied an average of 71 pounds of nitrogen per acre for corn, 32 pounds per acre for barley, and 42 pounds per acre for sorghum. Phosphate was applied to 78 percent of the corn and barley acreage at the rate of 47 pounds and 33 pounds per acre, respectively, while 54 percent of the sorghum acreage received phosphate at the rate of 30 pounds per acre. Potash was applied to 25 percent of the corn acreage, 13 percent of the barley acreage and 3 percent of the sorghum acreage at the rate of 26 pounds, 18 pounds, and 10 pounds per acre, respectively.

Herbicide was applied to 96 percent of the South Dakota corn acreage, along with 86 percent and 87 percent of the barley and sorghum acreage, respectively.

Glyphosate (Roundup) was the most popular herbicide applied for corn and sorghum, treating 50 percent and 52 percent of total herbicide applied area, respectively. MCPA was the most popular herbicide applied for barley, treating 42 percent of total herbicide treated acres.

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